



Tyvek® Bonding Project/Process Engineer

Tyvek® is a flash-spun nonwoven fabric with leading global market positions in construction, protective apparel, medical packaging and others. The proprietary Tyvek® technology involves a wide variety of engineering disciplines, such as chemical and mechanical engineering, polymer chemistry & processing, polymer solutions, electrostatics, aerodynamics, material science and more.

DuPont Luxembourg - Tyvek® Line 8 is looking to recruit a Process Engineer

for its new Bonding and Packaging Line at the Luxembourg site operation.

Line 8 is a large project providing additional assets to the Tyvek® business, with start-up expected late 2020. The process engineer will be as a member of the global line 8 project team to support design, construction, commissioning, start-up, and operation of the new line 8 assets. This position requires interaction with multiple levels of personnel in the Operations, Maintenance, Technical, and Technical Marketing teams.

The role covers understanding the bonding equipment and process technology as well as web- and roll handling technology with on the job training.

During the project phase, the job scope includes, but is not limited to:

- Providing guidance to both the design contractor and equipment vendors around the correct design.
- Working with the global DuPont project team to maintain project safety, objectives, cost, and schedule.
- Developing conceptual design and design calculations, as required.
- Reviewing project drawings, models, specifications, and other documents for accuracy.
- Learning the DuPont process safety management (PSM) system and understanding how to implement the requirements into the new asset.
- Participating in process hazards and machine safety reviews.
- Writing and leading pre-commissioning and commissioning procedures.
- Providing operational and process support during asset checkout and start-up.

During commercial operation, the job scope includes, but is not limited to:

- Improving manufacturing processes by increasing product yield and quality, while reducing product variability.
- Specifying, documenting and maintaining technology parameters to insure the process delivers product at the level of quality required by the final customer.
- Developing equipment, technology and control systems to reduce asset downtime.
- Ensuring that manufacturing equipment is properly installed, monitored and maintained to operate with maximum efficiency and safety.
- Monitoring equipment performance and troubleshooting equipment utilizing root cause failure analysis.
- Being the first technical response for incident investigations and operations troubleshooting.

DuPont, a Fortune 100 company, offers an exciting place to work where thousands of innovations are introduced every year. You will have opportunities for growth through involvement in various dynamic industries from high-tech to high-performance; including safety and protection, home and construction, transportation and apparel as well as nutrition, electronics and communications.

Qualifications

- Masters degree - Process, Mechanical or Chemical Engineering.
- Fluent in German and English.
- Broad and general interest in technology.
- Strong conceptual & analytical thinking, creativity, global approach to a problem and practical capabilities.
- Self-starter and initiative / Interdisciplinary Team-work / Capability to acquire new competencies.
- Strong interpersonal skills and a track record of fostering a respectful work environment.
- High level of self-motivation, work ethic, initiative, and flexibility.
- Demonstrated capability to resolve issues using fact-based problem solving.

For any further information please contact gilles.weyland@dupont.com.